

POST GRADUATE DIPLOMA IN
INTELLECTUAL PROPERTY RIGHTS (PGDIPR)
(Revised)

Term-End Examination

December, 2016

MIP-106 : PLANT VARIETIES PROTECTION,
BIOTECHNOLOGY AND TRADITIONAL
KNOWLEDGE

Time : 3 hours

Maximum Marks : 100

Note : This paper consist of three parts. All parts are compulsory.

PART - A

Answer all questions from this part. Each question carries 2 marks. $10 \times 2 = 20$

Explain the following in brief.

1. Hybrid breeding
2. 'DVS Test'
3. National Gene Fund
4. Community plant variety Rights
5. 'Biotechnology' as per Convention on Biological Diversity.

6. Plant Genetic Resources (PGRs) as a common heritage of mankind.
7. Nagoya protocol
8. WIPO
9. Essential biological processes
10. Prior Informed Consent

PART - B

Answer **any five** questions from this part. Each question carries **ten** marks.

5x10=50

11. Discuss the rationale for *Suigeneric* system of Plant Breeder's Rights (PBRs).
12. Write a note on National Biodiversity Authority (NBA).
13. What do you mean by the term Bio-safety ? Enlist the Bio-safety measures existing in India for the regulation of uses of Genetically Modified Organisms (GMO's).
14. Write a note on patenting of life forms.
15. Discuss the significance of traditional knowledge in the global economy.

16. Write a note on Benefit sharing.
17. Who is 'breeder' as per the PPVFR Act ? What are the varieties protected under the PPVFR Act ?
18. Discuss the problems associated with enforcement of PBRs.

PART - C

Answer **any two** questions from this part. Each question carries 15 marks. **2x15=30**

19. What is Traditional Knowledge Digital Library (TKDL) ? Discuss the significance of TKDL in preventing bio - piracy.
 20. Discuss the social and ethical issues involved in biotechnology and its patenting.
 21. Discuss the scope of Plant Breeder's Right under UPOV convention. What are the exceptions to the breeder's right ?
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